

Amendments

In the specification:

page 14

~~Please delete the paragraph at page 15, lines 3-10 (i.e., the Abstract) and replace it with the following new paragraph:-~~

IDC-a1,AMD

■ An optical fibre including a waveguide and at least one stress applying region is described. The waveguide is defined by a numerical aperture, and the stress applying region is defined by a depressed refractive index. The optical fibre is configured such that the waveguide supports at least two polarised fundamental modes, two polarised first second-order modes, and two polarised second second-order modes. The waveguide includes comprises a gain medium. The stress applying region, the waveguide and the disposition of the gain medium are such as to provide preferential guidance to at least one of the modes at an operating wavelength.■

~~(End of amendments to specification.)~~